| Δη                        | pproved For Release               | e 2009/09/15 : CIA-l          | 2DP78B038           | 244000500010  | 070-4                         |
|---------------------------|-----------------------------------|-------------------------------|---------------------|---------------|-------------------------------|
| Λμ                        | •                                 | CLASSIFIED MESS               |                     |               | OUTING                        |
| ORIG:                     |                                   |                               |                     |               | 4                             |
| UNIT : NPIC/PSG/R&REEXT : | )/DAS                             | TOP SECRET                    | 3                   |               | 6                             |
| DATE: 2 June 1970         |                                   |                               |                     |               |                               |
| TO : SAC ACIC, FTO        | ,USAFÉ,PACÁF,ARM<br>44ARTW OFFUTT | Y,DÍA,NAVY,TOPOCO<br>,FICEUR, | ÓM L<br>OPCEN       | [3.           | Jun 70 17 05                  |
| FROM: NPIC                | , ,                               | :                             | PREC                | DEFERRED      | X PRIORITY BY                 |
| CONF:                     |                                   |                               | R E C E D E E C C E | ROUTINE       | OPERATIONAL INITIAL IMMEDIATE |
| INFO:                     |                                   |                               | E                   | <u> </u>      |                               |
|                           |                                   |                               |                     |               | OUT69987                      |
|                           |                                   |                               |                     | <u></u>       |                               |
| TO TOP SECRET.            |                                   | CITE N                        | IPIC                | CITE          | 8628                          |
| L                         | MEDA INCODMATIO                   | N FOR MISSION 111             |                     |               | (ACACAC)                      |
|                           |                                   | ED TWO PAN CAMERA             |                     | RIZON CAMERAS | S,                            |
|                           |                                   |                               |                     |               | •                             |
|                           |                                   | AS AND AN INDEX (             | AMERA.              |               |                               |
| 2. CAN                    | MERA DATA                         |                               |                     |               |                               |
| Α.                        | MAIN UNITS                        |                               |                     |               | HODITONIC                     |
|                           | FOCAL LENGTHS                     | MM) PAN CAMERAS               | PORT HO             | RIZONS SIBD   | HORIZONS                      |
|                           | FW                                | D 609.6508                    | NA                  |               | NA                            |
|                           | AF                                | T 609.6610                    | NA                  |               | NA                            |
|                           | FILTERS                           | 3)                            |                     |               |                               |
|                           | PAN FWD                           | PRIMARY W -2                  | 3A                  |               |                               |
|                           | PAN FWD                           | ALTERNATE W -2                | 5                   |               |                               |
|                           | PAN AFT                           | PRIMARY W -2                  | 1                   |               |                               |
|                           | PAN AFT                           | ALTERNATE W -2                | 23                  |               |                               |
|                           | FWD STBD                          | HORIZON W -2                  | 25                  |               |                               |
|                           | FWD PORT                          | HORIZON W -2                  | 25                  |               |                               |
|                           | AFT STBD                          | HORIZON W -                   | 25                  |               |                               |
| ,                         | <b>-</b>                          | COORDINATING OFF              | ICERS               |               |                               |
|                           |                                   | TOP SECRET                    |                     | AUTH          | HENTICATING OFFICER           |

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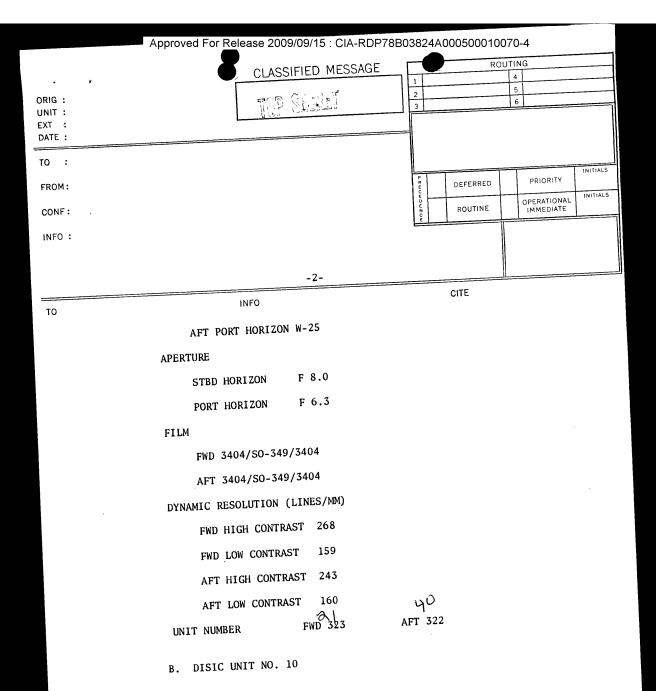
GROUP 1
Excited from automatic downgrading and declarationing

25**X**1

25X1 25X1

25X1

25**X**1

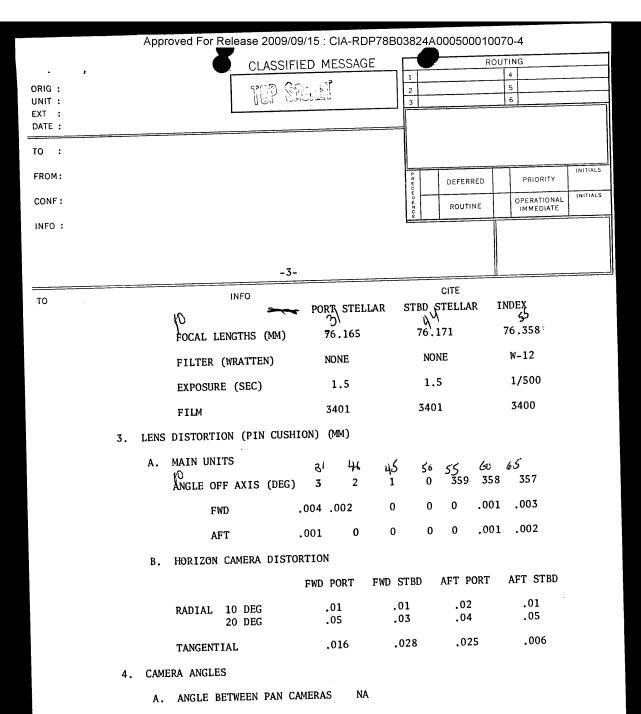


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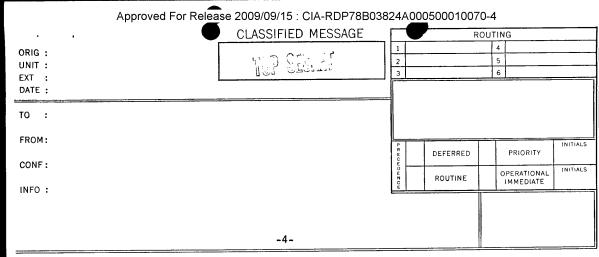
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INFO CITE

B. DEPRESSION ANGLES BETWEEN HORIZONS AND PAN CAMERAS NA

C. ANGLES BETWEEN STELLAR AND INDEX CAMERA

STBD STELLAR AND INDEX 160DEG 00 MIN 43.0 SEC

PORT STELLAR AND INDEX 99 DEG 59 MIN 16.0 SEC

## 5. TIMING MARKS

то

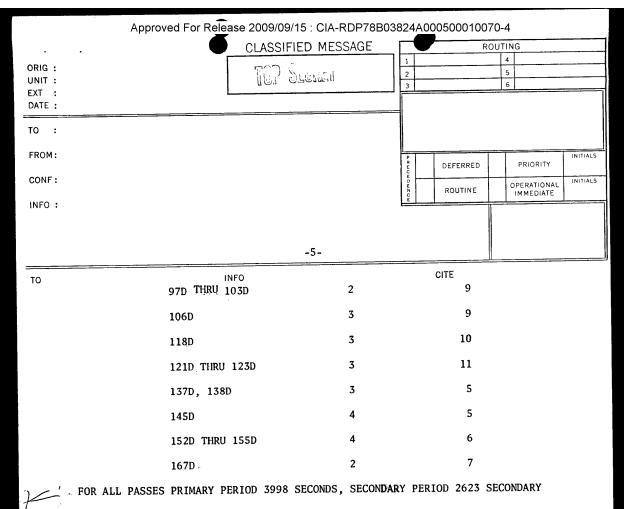
FREQUENCY MARKS WILL APPEAR ON THE FILM AT A RATE OF 200 CYCLES PER SECOND.

| 6. | IMAGE MOTION COMPENSATION 5 PASSES | DATA 36 REF LEVEL | <i>SO</i><br>AMP LEVEL |
|----|------------------------------------|-------------------|------------------------|
|    | 1D,4D                              | 2                 | 13                     |
|    | 6D THRU 25D                        | 1                 | 13                     |
|    | 37D THRU 40D                       | 3                 | 13                     |
|    | 42D, 128D THRU 134                 | 2                 | 5                      |
|    | 48D THRU 56D                       | 2                 | 6                      |
|    | 57D THRU 59D                       | 3                 | 6                      |
|    | 70D THRU 76D                       | 3                 | 7                      |
|    | 85D THRU 90D                       | 2                 | 8                      |

COORDINATING OFFICERS

TOP SECTION

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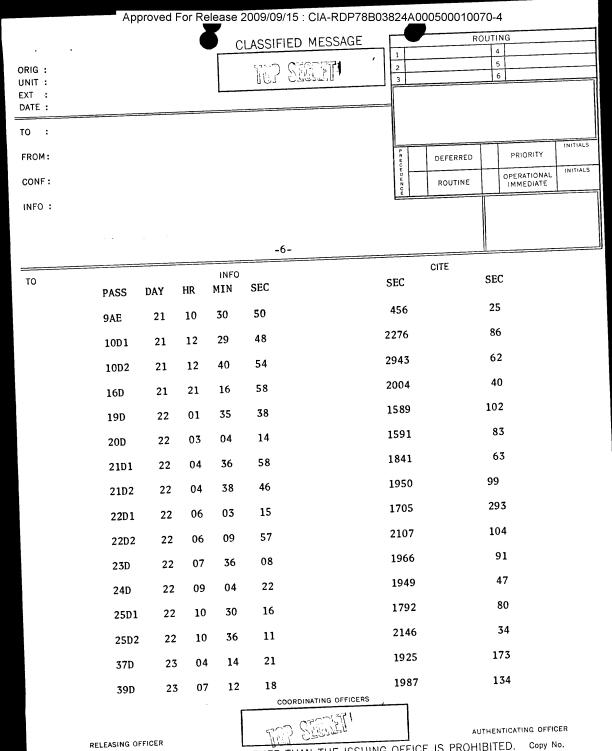


RAMP FACTOR 0.057700

| 7. PRO |     |    | ON TIME | 3   | PROGRAM ON TIME<br>UP RAMP | PROGRAM<br>DURATION |
|--------|-----|----|---------|-----|----------------------------|---------------------|
| PASS   | DAY | HR | MIN     | SEC | SEC                        | SEC                 |
| 1D     | 20  | 23 | 01      | 18  | 1580                       | 36                  |
| 4D     | 21  | 03 | 25      | 45  | 1496                       | 78                  |
| 6D     | 21  | 06 | 30      | 20  | 2030                       | 122                 |
| 7D     | 21  | 08 | 00      | 41  | 2133                       | 103                 |

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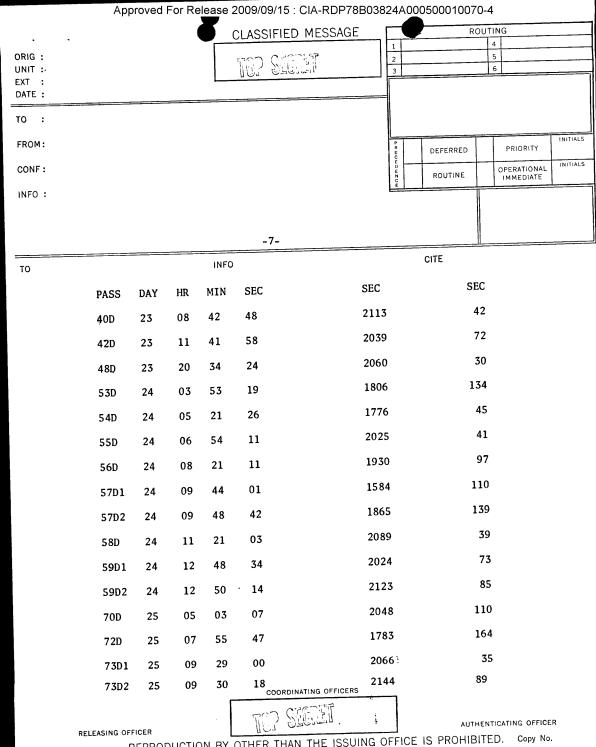
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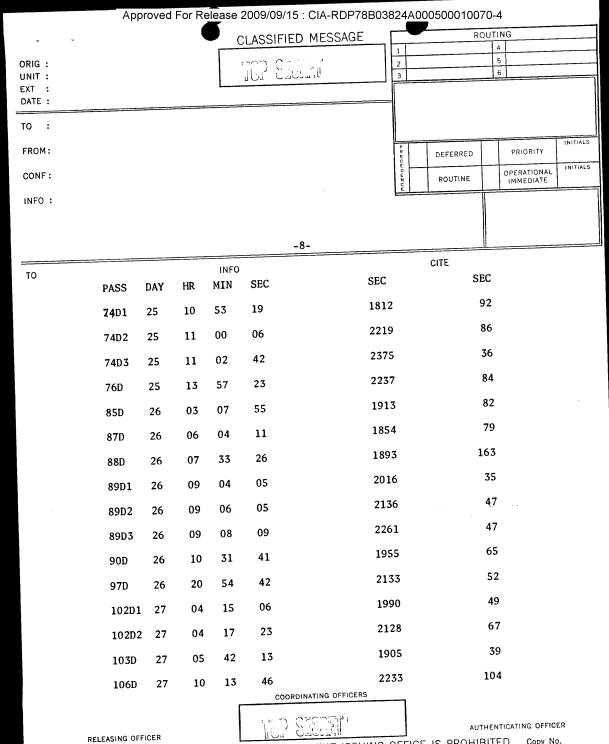
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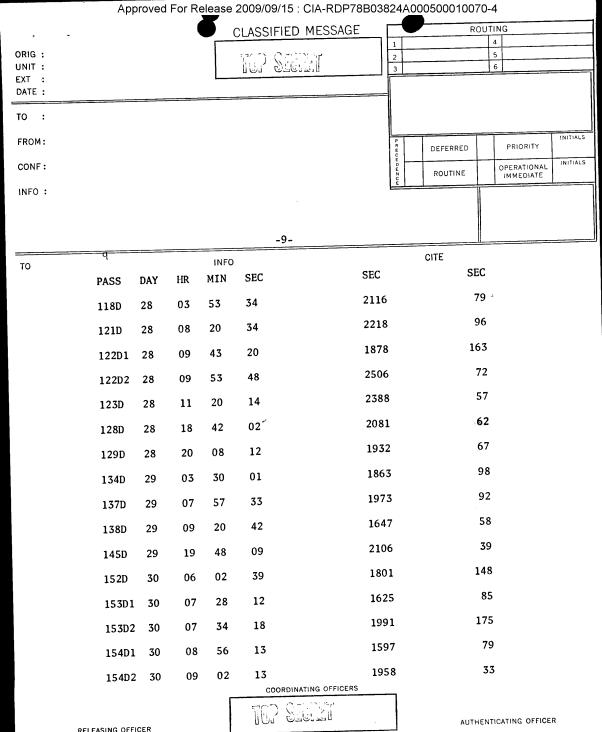
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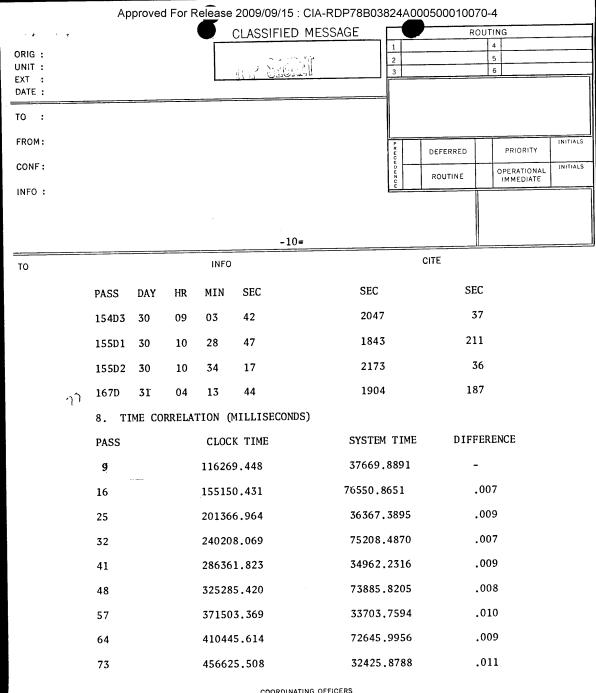
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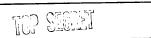




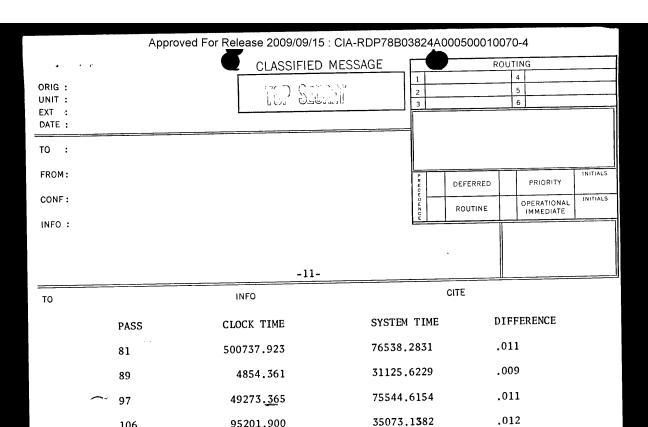
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COORDINATING OFFICERS



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NOTE: ALL "DIFFERENCE" VALUES ARE PLUS.

95201.900

134008.847

180171.689

218957.505

265183.183

304094.256

350250.803

389160.382

106

113

122

129

138

145

154

161

NOTE: HORIZON CAMERAS FOCAL LENGTHS, ANGLE BETWEEN PAN CAMERAS,

73880.0746

33642.9035

72428.7083

32254,3725

71165.4337

30921.9662

69831.5327

.011

.013

.011

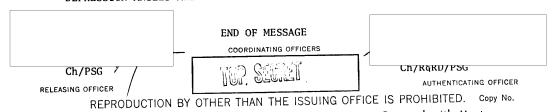
.014

.012

.014

.012

DEPRESSION ANGLES ARE NOT AVAILABLE AT THIS TIME.



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25̂X1X1